IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A flat-type antenna apparatus which has a radiating conductor and a reference conductor disposed opposite to each other and performs feeding between said radiating conductor and said reference conductor at a position offset from the center of said radiating conductor center, said antenna comprising:

an insulative material layer which has relative magnetic permeability greater than 1 and is placed in a gap between ~~said~~ a radiating conductor and said reference conductor; and

a short-circuiting conductor which is disposed at a position to suppress unintended excitation and enables electric conduction between said radiating conductor and said reference conductor.

Claim 2 (Currently Amended): A flat-type antenna apparatus which has a radiating conductor and a reference conductor disposed opposite to each other and performs feeding between said radiating conductor and said reference conductor at a position offset from the center of said radiating conductor center, said antenna comprising:

an intermediate layer comprising a plurality of layers such as an insulative material layer and an empty layer in a gap between ~~said~~ a radiating conductor and said reference conductor, wherein said insulative material layer has relative permittivity and relative magnetic permeability both greater than 1.

Claim 3 (Currently Amended): The antenna apparatus according to claim 1 ~~or 2~~, wherein said insulative material layer comprises hexagonal ferrite.

Claim 4 (Original): The antenna apparatus according to claim 3, wherein said insulative material layer is made of an oxide magnetic material comprising a Y-type ferrite compound represented by general formula $Ba_2Me^1{}_2Fe_{12}O_{22}$ (where Me^1 is appropriately selected from one or more of Ni^{2+}, Zn^{2+}, Mn^{2+}, Mg^{2+}, Cu^{2+}, Fe^{2+}, and Co^{2+} to adjust composition).

Claim 5 (Original): The antenna apparatus according to claim 3, wherein said insulative material layer is made of an oxide magnetic material comprising a Z-type ferrite compound represented by general formula $Ba_3Me^1{}_2Fe_{24}O_{41}$ (where Me^1 is appropriately selected from one or more of Ni^{2+}, Zn^{2+}, Mn^{2+}, Mg^{2+}, Cu^{2+}, Fe^{2+}, and Co^{2+} to adjust composition).

Claim 6 (Original): The antenna apparatus according to claim 3, wherein said insulative material layer is made of an oxide magnetic material comprising an M-type ferrite compound represented by general formula $BaMe^2{}_xFe_{(12-x)}O_{19}$ (where Me^2 is appropriately selected from one or more of Al^{3+}, Cr^{3+}, Sc^{3+}, and In^{3+} to adjust composition, or is a mixture of the same amount of (Ti^{4+}, Sn^{4+}, Zn^{4+}) and Me^1).

Claim 7 (Currently Amended): The antenna apparatus according to claims 4 through 6, wherein said insulative material layer is made of ~~said~~ oxide magnetic materials as pulverized materials and is complexed with resin to form a resin complex.

Claim 8 (New): The antenna apparatus according to claim 2, wherein said insulative material layer comprises hexagonal ferrite.